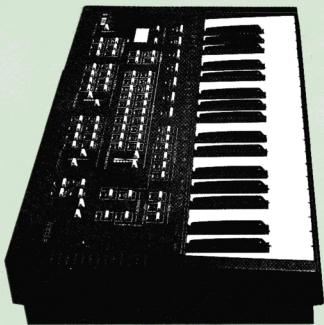
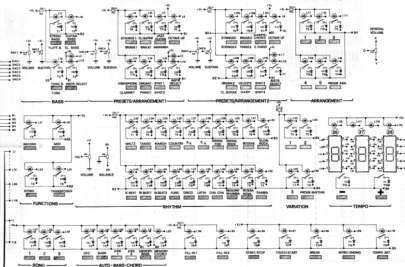
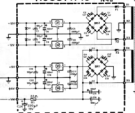


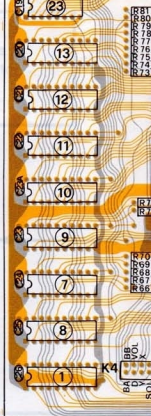
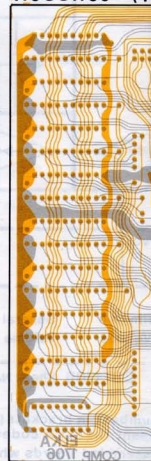


OMB 5

DIGITAL AND PROGRAMMABLE
ACCOMPANIMENT UNIT



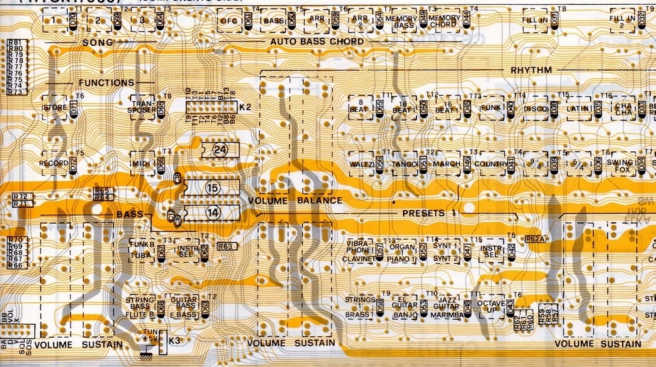
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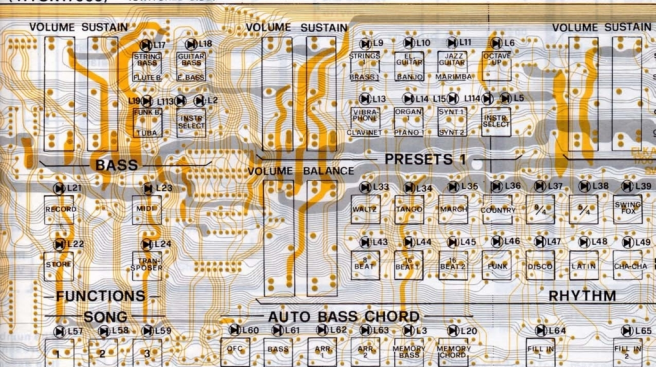
Model: OMB 5

Sheet: N. 2a

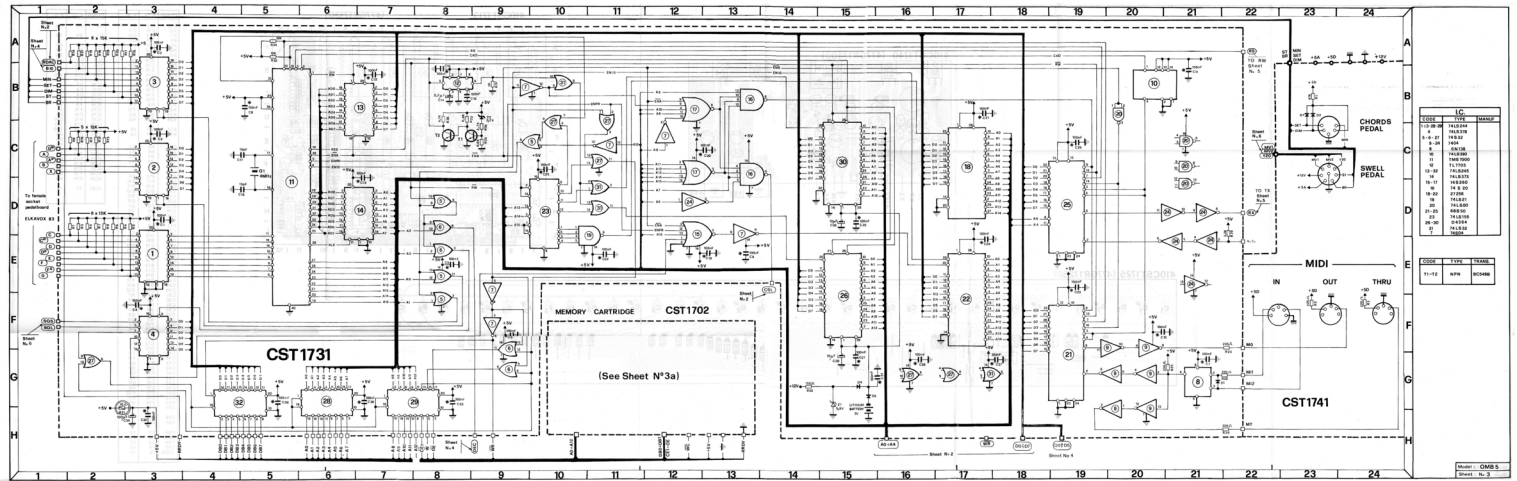
(477GR17060) (COMPONENTS SIDE)



(477GR17060) (SWITCHES SIDE)



CST1725 - CST1740 (SEE SHEET N. 4a)

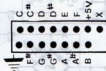


IC		
CODE	TYPE	MANUF
1-10-20	74LS244	
11-12-21	74LS178	
13-14-22	74LS27	
15-16-23	74LS24	
17-18-24	74LS138	
19	74LS190	
20	74LS175	
21-22	74LS245	
23	74LS273	
24-25	74LS260	
26-27	74LS20	
28-29	74LS27	
30	74LS245	
31	74LS165	
32	74LS165	
33	74LS165	

CODE	TYPE	TRANS
11-12	NPN	BC548B

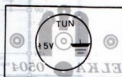
PEDAL BOARD

ELKAVOX 83



(Solders Side)

TUNING



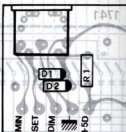
F000504

(477GR05044)

(Solders Side)

CHORDS PEDAL

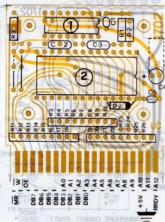
410CST1741



(477GR17020)

410CST1702

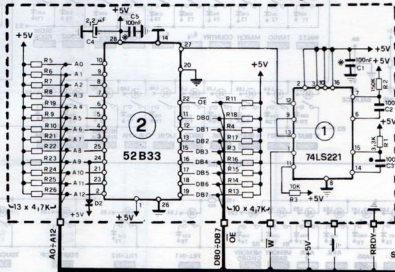
02)
02



CARTRIDGE

RAM

CST 1702

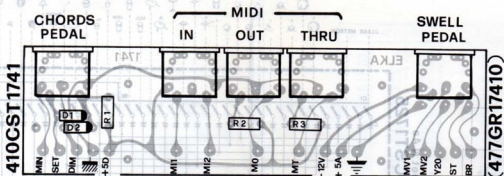


Sheet No.3

Sheet No.3

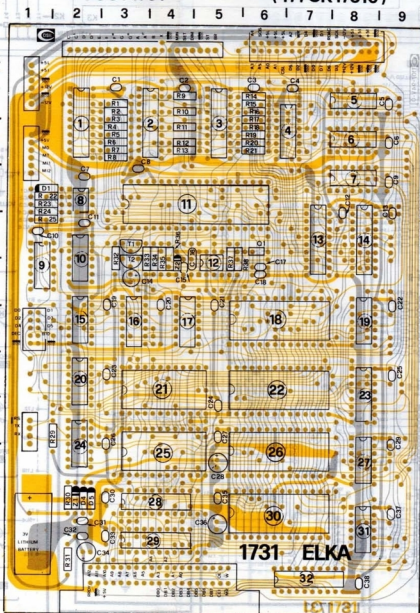
A
B
C
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I
J
K
L
M

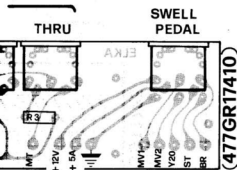
1 | 2



410CST1731

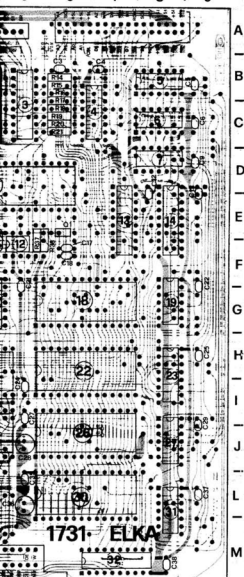
(477GR17310)





(477GR17310)

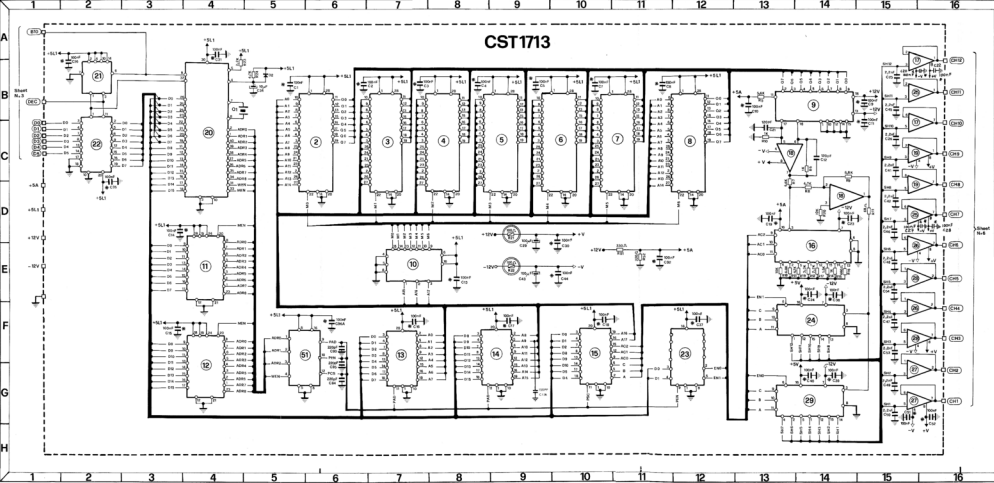
5 | 6 | 7 | 8 | 9



COMP.	S. D.	P. B.
R1	D2	B3
R2	D3	B3
R3	D2	B3
R4	D2	C3
R5	D2	C3
R6	D2	C3
R7	D2	C3
R8	D2	C3
R9	C2	B4
R10	C2	B4
R11	C2	C4
R12	C2	C4
R13	C2	C4
R14	A2	B6
R15	A3	B6
R16	A2	B6
R17	A2	B6
R18	A2	C6
R19	A2	C6
R20	A2	C6
R21	A2	C6
R22	G22	D1
R23	F22	D1
R24	H22	D1
R25	G21	E1
R29	D22	I2
R30	G14	L2
R31	H2	M2
R32	A5	F3
R33	B9	F3
R34	A5	F4
R35	C9	F4
R36	C9	F4
R37	B9	F5
R38	B8	F5
C1	D3	B3
C2	C3	B4
C3	A3	B6
C4	F3	B7
C5	E8	B8
C6	F9	C9
C7	G21	D2
C8	B5	D3
C9	E13	D9
C10	F20	E1
C11	B21	E2
C12	B7	E8
C13	C7	E9
C14	B8	F3
C15	B8	F4
C16	B8	F5
C17	C5	F6
C18	D5	F6
C19	E13	G3
C20	C13	G4
C21	B17	G5
C22	E11	G9
C23	E18	H3
C24	I17	I5
C25	C10	H9
C26	C19	I3
C27	G15	I5
C28	G15	J5
C29	G16	L2
C30	G7	L3
C31	G16	L2
C32	H3	L2
C33	G8	L3
C34	H3	M2
C35	D15	L5
C36	D15	L5
C37	G16	L9
C38	G5	M8
D1	G21	D1
D4	G15	L2
D5	G15	L2
Z1	G15	L2
Z2	B9	F4
Q1	C5	E6
T1	C8	E3
T2	C8	F3

COMP.	S. D.	P. B.
IC1	E1	C2
IC2	C3	C4
IC3	B3	C5
IC4	F3	C7
IC5	D8	B8
IC6	D8	C8
IC7	E9	D8
IC8	G21	D2
IC9	G20	F1
IC10	B20	F2
IC11	D5	D4
IC12	B8	F5
IC13	B7	E7
IC14	D7	E8
IC15	D12	G2
IC16	B16	G3
IC17	B12	G4
IC18	C17	G6
IC19	D11	G8
IC20	C21	H2
IC21	F19	H4
IC22	E17	H6
IC23	D10	H8
IC24	D21	J2
IC25	D19	J4
IC26	E15	J6
IC27	G2	J8
IC28	G8	L4
IC29	G7	M4
IC30	C15	L6
IC31	D11	L8
IC32	G5	M7
LITHIUM BATTERY 3V		
	G15	L1

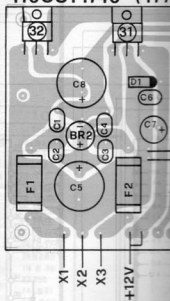
CST1713



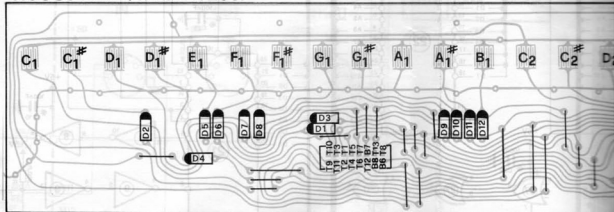
I. C.		
CODE	TYPE	MANUF.
2-8	2728	
9	54C88	
10-11	74LS138	
11-12	9344B	
13-15	74LS377	
16-24-28	4051	
11-19-25-28	TL082	
20	TM632090	
21	74LS74	
22	74AS374	
23	74LS258	

G1-20KHZ

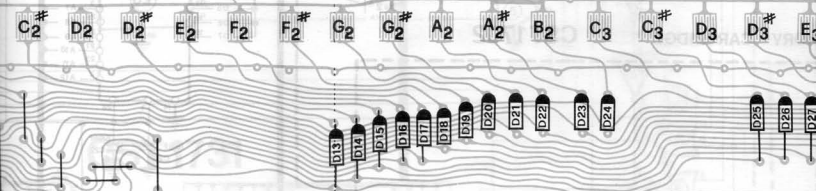
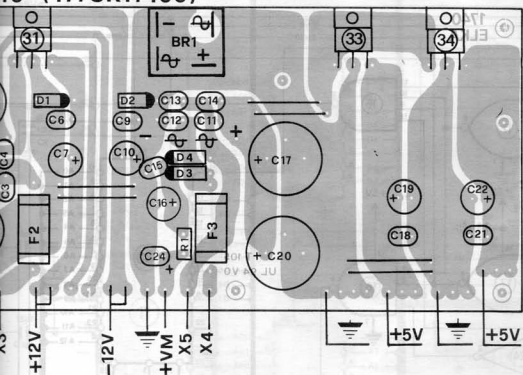
410CST1740 (477)



410CST1725 (477GR17250)

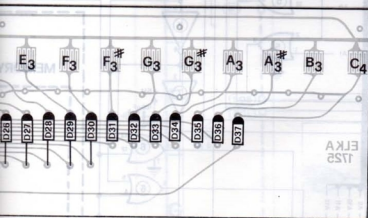
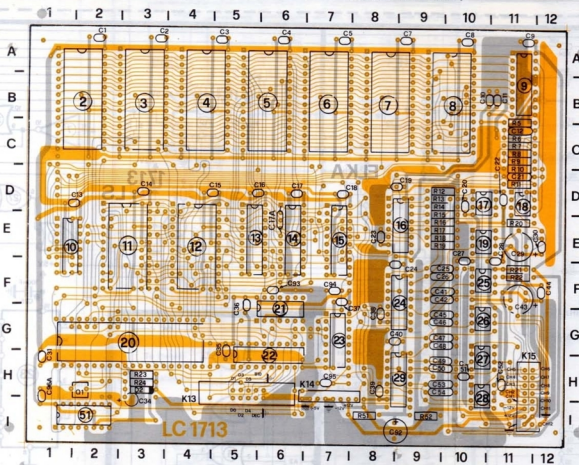


40 (477GR17400)



410CST 1713

(477GR17130)



0 1 2 12



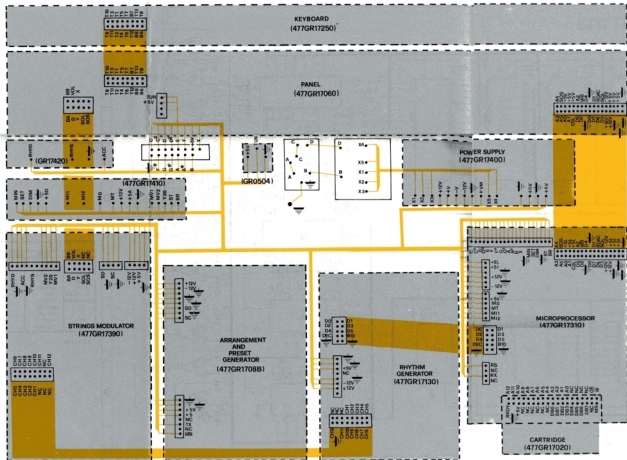
A
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B
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C
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D
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E
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F
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G
—
H
—
I

0 1 2 12

COMP.	S. D.	P. B.
R5	B13	C11
R6	C14	C11
R7	D13	C11
R8	D14	C11
R9	C14	C11
R10	C13	D11
R11	D15	D11
R12	E14	D9
R13	E13	D9
R14	E14	D9
R15	E14	E9
R16	E14	E9
R17	E14	E9
R18	E13	E9
R19	E14	E9
R20	D14	E11
R21	D9	F11
R22	E9	F11
R23	B4	H3
R24	B5	H3
R51	E11	I8
R52	E11	I9
C1	B5	A2
C2	B6	A3
C3	B7	A5
C4	B8	A6
C5	B9	A7
C7	B10	A9
C8	B11	A10
C9	B15	A11
C10	B13	B10
C11	C15	B11
C12	C14	C11
C13	E8	D1
C14	D3	D3
C15	F3	D4
C16	F7	D5
C17	F9	D6
C18	F10	D7
C19	D13	D8
C20	B16	D10
C21	C13	D11
C22	B16	D11
C23	D14	E8
C24	E14	F8
C25	B15	F9
C26	C15	F9
C27	D16	F10
C28	D16	F11
C29	D9	E11
C30	D10	E12
C31	A4	H1
C32	B5	H2
C33	B5	H2
C34	B5	I3
C35	D2	G5
C36	B2	G5
C37	F12	F7
C38	E14	G8
C39	G14	H8
C40	G14	G8
C41	C15	F9
C42	D15	F9
C43	E9	F11
C44	E10	F12
C45	B15	G9
C46	D15	G9
C47	F15	G9
C48	E15	G9
C49	G15	H9
C50	G15	H9
C51	G15	H10
C52	G16	H11
C53	F15	H9
C54	E15	H9
C66	B2	G7
C67	A3	G7
C92	E11	I9
C93	F6	F6
C94	G6	F7
C95	F6	H7
C96A	F6	I1

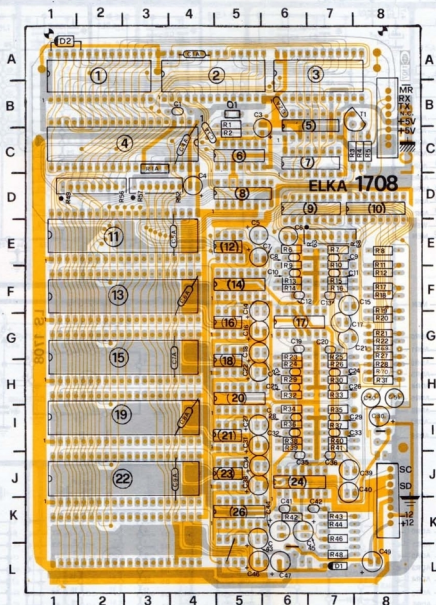
COMP.	S. D.	P. B.
D2	B5	H3
Q1	B4	H2
IC2	C6	B2
IC3	C7	B3
IC4	C8	B4
IC5	C9	B6
IC6	C10	B7
IC7	C11	B8
IC8	C12	B10
IC9	B14	B11
IC10	E7	E1
IC11	E4	E3
IC12	G4	E4
IC13	F7	E5
IC14	F9	E6
IC15	F10	E7
IC16	E14	E9
IC17	B15	D10
IC18	D14	D11
IC19	C15	E10
IC20	C4	G3
IC21	B2	G6
IC22	C2	H6
IC23	F12	G7
IC24	F14	F9
IC25	D15	F10
IC26	E15	G10
IC27	G15	H10
IC28	F15	H10
IC29	G14	H9
IC51	F5	I2

WIRING CONNECTION DIAGRAM



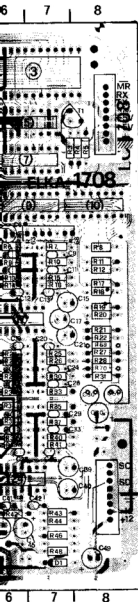
410CST1708

(477GR1708)



R1	F2
R2	F1
R3	A1
R4	A2
R5	D2
R6	C11
R7	B11
R8	A13
R9	C11
R10	B11
R11	A13
R12	C13
R13	C12
R14	C11
R15	B12
R16	A11
R17	C13
R18	E13
R19	E13
R20	F13
R21	F13
R22	H13
R23	E11
R24	E12
R25	F11
R26	G12
R27	H13
R28	J13
R29	E11
R30	G11
R31	I13
R32	E11
R33	F11
R34	J11
R35	H11
R36	J11
R37	H11
R38	J12
R39	J11
R40	H12
R41	H11
R42	B14
R43	C14
R44	D15
R46	B15
R48	K10
R49	B7
R50	B7
R51	B7
R52	B7
R53	B7
R54	A7
R55	A7
R56	A7
R57	K13
R58	I13
R59	G13
R60	F13
R61	D13
R62	B13
R63	H12
R64	J12
R65	F12
R66	C12
R67	E12
R68	A12
R69	E14
R70	A5
C1	G1
C3	B3
C4	A11
C5	C12
C6	B2
C7	D11
C8	B11
C9	D11
C10	B11
C11	C12
C12	A12
C13	C11
C14	A12
C15	D10
C16	E12
C17	E11
C18	D12
C19	F12
C20	F12

GR1708)



COMP.	S. D.	S. C.
R1	F2	C5
R2	F1	C5
R3	A1	C8
R4	A2	C8
R5	D2	C8
R6	C11	E6
R7	B11	E7
R8	A13	E8
R9	C11	F6
R10	B11	F7
R11	A13	F8
R12	C13	F8
R13	C12	F6
R14	C11	F6
R15	B12	F7
R16	A11	F7
R17	C13	F8
R18	E13	F8
R19	E13	G8
R20	F13	G8
R21	F13	G8
R22	H13	G8
R23	E11	H6
R24	E12	H6
R25	F11	H7
R26	G12	H7
R27	H13	H8
R28	J13	H8
R29	E11	H6
R30	G11	H7
R31	I13	H8
R32	E11	H6
R33	F11	H7
R34	J11	I6
R35	H11	I7
R36	J11	I6
R37	H11	I7
R38	J12	I6
R39	J11	J6
R40	H12	I7
R41	H11	J7
R42	B14	K6
R43	C14	K7
R44	D15	K7
R46	B15	K7
R48	K10	L7
R49	B7	D1
R50	B7	D1
R51	B7	D2
R52	B7	D2
R53	B7	D2
R54	A7	D2
R55	A7	D2
R56	A7	D2
R57	K13	D3
R58	I13	D3
R59	G13	D3
R60	F13	D3
R61	D13	D4
R62	B13	D4
R63	H12	E7
R64	J12	E7
R65	F12	E7
R66	C12	E7
R67	E12	E7
R68	A12	E8
R69	E14	H8
R70	E14	H8
C1	A5	B4
C3	G1	C6
C4	B3	D4
C5	A11	E5
C6	C12	E6
C7	B2	E5
C8	D11	E6
C9	B11	E7
C10	D11	F6
C11	B11	F7
C12	C12	F6
C13	A12	F7
C14	C11	G5
C15	A12	G7
C16	D10	G5
C17	E12	G7
C18	E11	G5
C19	D12	G6
C20	F12	G7

COMP.	S. D.	S. C.
C21	F12	G7
C22	E10	H5
C23	E11	H6
C24	G11	H7
C25	E11	H6
C26	G11	H7
C27	F11	I5
C28	J11	I6
C29	I11	I7
C30	I1	I8
C31	G10	I5
C32	J11	I6
C33	I11	I7
C34	H11	J5
C35	I12	J6
C36	H12	J7
C37	I3	J8
C38	I10	J5
C39	H12	J7
C40	J12	J7
C41	B14	K6
C42	C14	K7
C43	J11	K5
C44	B15	K6
C45	D15	K6
C46	J10	L5
C47	K10	L6
C48	J3	L6
C49	J1	L8
C50	B14	H8
C51	C14	H8
D1	K9	L7
T1	A1	B8
T2	I2	I8
T3	I2	L6
Q1	E2	B5
IC1	B5	A2
IC2	B6	A4
IC3	B2	A7
IC4	C3	C2
IC5	G2	C7
IC6	F2	C5
IC7	F5	C7
IC8	H5	D5
IC9	H13	D7
IC10	C13	D8
IC11	B8	E2
IC12	B10	E5
IC13	C8	F2
IC14	C10	F6
IC15	E8	G2
IC16	C10	G6
IC17	E12	G6
IC18	E10	H5
IC19	G8	I2
IC20	F10	H5
IC21	G10	I5
IC22	H8	J2
IC23	H10	J5
IC24	B14	J6
IC25	J8	K2
IC26	H10	K5
IC27	J10	L5

410CST1739

CST1742

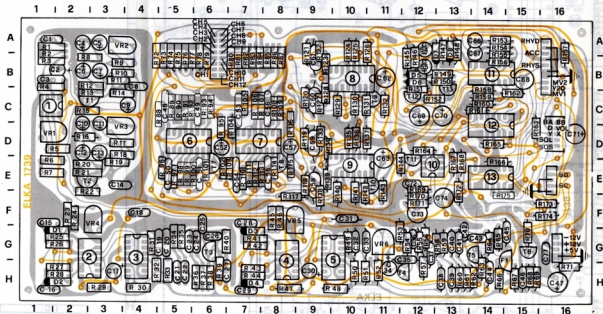
CST1617

I.C.		
CODE	TYPE	MANUFACT.
1	TL082	
2-4	4011	
3-5	TLA4950	
6-9	15650	
10	LM3390	
11-12	4243	

CODE	TYPE	Trans.
T1 - T4	NPN	BC108B
T7 - T9	PNP	BC108B
P1	DET	8045BC
T10	NPN	BU135C

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(477GR17390)



COMP	S.D.	P.B.
R1	B5	A1
R2	A5	B1
R3	A5	B1
R4	A6	C1
R5	B6	D2
R6	A6	E1
R7	A6	E1
R8	B1	B2
R9	A2	B3
R10	A2	B3
R11	A2	B3
R12	B2	C3
R13	B2	C3
R14	A3	C3
R15	B3	C2
R16	B3	D2
R17	A3	D3
R18	A4	E3
R19	A4	E3
R20	B4	E2
R21	B4	E2
R22	A5	F2
R23	C7	F2
R24	C7	F2
R25	C7	G2
R26	C8	G2
R27	B8	H2
R28	C7	H2
R29	C8	H3
R30	C11	H4
R31	C10	G4
R32	C10	H4
R33	C11	H5
R34	C12	G5
R35	C12	G5
R36	C12	H6
R37	C12	H6
R38	C13	H6
R39	C13	H6
R40	C13	G7
R41	B7	G7
R42	B8	G7
R43	A8	H7
R44	B7	H7
R45	B7	F8
R46	B7	F8
R47	A8	H8
R48	A11	H10
R49	B10	G10
R50	A10	H10
R51	A11	H11
R52	A10	H11
R53	B10	G12
R54	B10	G12
R55	A9	G12
R56	B9	G12
R57	A9	H12
R58	B12	G13
R59	B12	G13
R60	B12	H13
R61	B12	H14
R62	B13	H14
R63	B13	H14
R64	B13	G14
R65	B14	G14
R66	B13	H14
R67	B14	H15
R68	C14	H15
R69	C14	H16
R70	C14	G15
R71	C3	H16
R72	F2	B4
R73	E2	B5
R74	E2	B5
R75	E2	B5
R76	E2	B5
R77	E2	B5
R78	E2	B6
R79	E2	B6
R80	F2	B7
R81	F2	B7
R82	F2	B7
R83	F2	B7
R84	F2	B7
R85	F2	B8
R86	G2	B8
R87	G2	B8
R88	G5	C5
R89	G5	C5
R90	G5	C5
R91	G5	C5
R92	G4	C5
R93	G3	C6
R94	G4	C6
R95	H3	D6
R96	H5	E5
R97	H5	E5
R98	H5	E5
R99	H4	E6
R100	H3	E6
R101	H4	E6

COMP	S.D.	P.B.
R102	H4	E6
R103	H3	E7
R104	E5	D7
R105	E5	C7
R106	E5	C7
R107	E4	C8
R108	E3	C8
R109	E4	C8
R110	E5	E7
R111	F5	E7
R112	F4	E7
R113	F3	E8
R114	F4	E8
R115	F3	E8
R116	F3	D8
R117	E7	F7
R118	E7	E9
R119	D7	D9
R120	E10	C9
R121	D10	B9
R122	E10	B9
R123	E9	B9
R124	E9	B10
R125	E8	B10
R126	E8	B11
R127	E10	C9
R128	E9	C8
R129	E9	C10
R130	F8	C10
R131	F8	C11
R132	F7	C11
R133	E7	D9
R134	E7	D10
R135	E7	D10
R136	E6	D10
R137	E6	D11
R138	E7	F9
R139	E7	E9
R140	F7	F10
R141	E6	F10
R142	F6	F11
R143	F6	F11
R144	G7	E12
R145	H14	B12
R146	H13	B12
R147	H13	A13
R148	H13	A13
R149	H13	B13
R150	H13	B13
R151	H12	C12
R152	H13	C13
R153	G13	A14
R154	E13	A14
R155	G13	B14
R156	E13	B14
R157	H2	B16
R158	F13	C14
R159	F11	C14
R160	E11	C14
R161	G11	C14
R162	E13	C15
R163	H9	D16
R164	G8	D12
R165	E11	D14
R166	H9	E14
R167	F8	E13
R168	G8	E13
R169	G9	F12
R170	G10	F12
R171	G10	F12
R172	B14	F13
R173	H2	F16
R174	H3	F16
R175	H8	F16
C1	B5	A1
C2	A5	B2
C3	A6	B1
C4	B1	A2
C5	A1	A3
C6	B2	B2
C7	B2	B3
C8	B2	C4
C9	B3	C4
C10	B3	D2
C11	A3	D3
C12	B4	E2
C13	B4	E3
C14	B4	E3
C15	C8	G1
C16	C8	H1
C17	D8	H3
C18	C11	F4
C19	C10	G5
C20	C11	G5
C21	C12	H5
C22	C12	H5
C23	C12	G5
C24	C12	G6
C25	C13	G6
C26	C13	G6
C27	C13	H7

COMP	S.D.	P.B.
C28	B8	G7
C29	B8	H7
C30	A8	H9
C31	B11	F10
C32	B10	G10
C33	B11	G11
C34	B10	H11
C35	B9	H12
C36	B9	G12
C37	A9	G13
C38	B12	H13
C39	B12	H13
C40	B12	G13
C41	B12	G13
C42	B13	G13
C43	B13	G14
C44	B13	H14
C45	B14	G15
C46	B14	H15
C47	C3	H16
C48	G5	C5
C49	G3	C6
C50	G5	E5
C51	H3	E6
C52	H3	D6
C53	D5	E7
C54	E5	E7
C55	E3	E8
C56	D3	C8
C57	F3	D8
C58	E7	E9
C59	D7	D9
C60	E9	C8
C61	D9	B9
C62	H7	B11
C63	G6	E11
C64	H14	A12
C65	H14	B12
C66	G13	A14
C67	H13	B14
C68	E13	B15
C69	I12	C12
C70	H12	C13
C71	H3	D16
C72	G9	E12
C73	G9	F12
C74	F8	F13
C75	H3	F14
C76	C3	F15
C77	G8	G16
D1	C7	G2
D2	C7	H2
D3	B7	G7
D4	A7	H7
D5	H13	B12
D6	H13	B12
D7	I13	B13
D8	H13	B13
VR1	B6	D1
VR2	A2	A3
VR3	A3	D3
VR4	C7	F3
VR5	B7	F9
VR6	B10	G11
F1	B14	H15
T1	B2	C2
T2	G4	E2
T3	C13	G6
T4	A10	H12
T5	B13	G14
T6	C14	G15
T7	H4	E6
T8	F4	E8
T9	F7	C11
T10	F10	E11
T11	G7	E12
T12	H12	C12
T13	H13	C13
IC1	B6	C1
IC2	C8	H2
IC3	C11	H4
IC4	B8	H8
IC5	B11	H10
IC6	G4	D5
IC7	E4	D7
IC8	E8	B10
IC9	E6	E10
IC10	G8	E13
IC11	F12	B14
IC12	F10	D14
IC13	H8	E14

